

# EXHIBIT 4

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# DESK DICTIONARY AND THESAURUS

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or minute particles, as in a spray. 2. To fragment; disintegrate. —*at'om-i-za'tion* *n.*  
**at-om-iz-er** (ă'tŏ-mī-zər) ► *n.* A device for producing a fine spray of a liquid.  
**atom smasher** ► *n.* See **accelerator** 2.  
**a-ton-al** (ă-tŏn'ol) ► *adj.* Mus. Lacking a traditional key or tonality. —*a'to-nal'i-ty* (tŏ-năl'i-tē) *n.* —*a-ton'al-ly* *adu.*  
**a-tone** (ă-tŏn') ► *v.* **a-toned**, **a-ton-ing**. To make amends (for). —*a-ton'er* *n.*  
**a-tone-ment** (ă-tŏn'mənt) ► *n.* Reparation made for an injury, wrong, or sin.  
**a-top** (ă-tŏp') ► *adu.* To, on, or at the top. ► *prep.* On top of. —*a-top'* *adj.*  
**-ator** ► *suff.* One that acts in a specified manner: *radiator*.  
**-atory** ► *suff.* 1a. Of or relating to: *reconciliatory*. b. Tending to: *derogatory*. 2. One that is connected with: *observatory*.  
**ATP** (ă'tē'pē) ► *n.* A nucleotide that supplies energy to cells.  
**a-tri-um** (ă'trē-am) ► *n., pl. a-tri-a* (ă'trē-ə) or *-ums*. 1a. A usu. skylighted central area in a building, esp. a public building. b. An open central court in an ancient Roman house. 2. A body cavity or chamber, esp. either of the upper chambers of the heart; auricle.  
**a-tro-cious** (ă-trŏ'shəs) ► *adj.* 1. Extremely evil, savage, or cruel: *an atrocious crime*. 2. Exceptionally bad; abominable: *atrocious decor*. —*a-tro'cious-ly* *adu.* —*a-tro'cious-ness* *n.*  
**a-troc-i-ty** (ă-trŏ's-i-tē) ► *n., pl. -ties*. 1. Atrocious state, quality, or behavior. 2. An appalling act or object. 3. An act of vicious cruelty, esp. the killing of unarmed people.  
**at-ro-phy** (ă'trŏ-fē) ► *n., pl. -phies*. A wasting or shrinking of a bodily organ, tissue, or part. ► *v.* **-phied**, **-phy-ing**. To waste or cause to waste away. —*a-troph'ic* (ă-trŏf'ik) *adj.*  
**at-ro-pine** (ă'trŏ-pēn', -pīn) also **at-ro-pin** (-pīn) ► *n.* A poisonous, bitter, crystalline alkaloid, C<sub>17</sub>H<sub>23</sub>NO<sub>3</sub>, obtained from belladonna and used to dilate the pupil of the eye.  
**at-tach** (ă-tăch') ► *v.* 1. To fasten or become fastened; connect. 2. To bind by ties of affection or loyalty. 3. To affix or append: *attached her signature to the contract*. 4. To seize by legal writ. —*at-tach'a-ble* *adj.*  
**at-ta-ché** (ă'tă-shă', ă-tă-) ► *n.* One who is assigned to a diplomatic mission to serve in a particular capacity: *a cultural attaché*.

**attaché case** ► *n.* A slim briefcase with flat sides and hinges.  
**at-tach-ment** (ă-tăch'mənt) ► *n.* 1. The act of attaching or the condition of being attached. 2. Something, such as a tie or band, that attaches one thing to another. 3. A bond of affection or loyalty. 4. A supplementary part, as of an appliance; accessory. 5. *Law* a. Legal seizure of property or a person. b. The writ ordering this.  
**at-tack** (ă-tăk') ► *v.* 1. To set upon with violent force. 2. To criticize strongly. 3. To start work on with vigor. 4. To affect harmfully: *a disease that attacked the nervous system*. ► *n.* 1. The act of attacking; assault. 2. An expression of strong or hostile criticism. 3. The onset of a disease, esp. a chronic disease. —*at-tack'er* *n.*  
**at-tain** (ă-tān') ► *v.* 1. To accomplish; achieve. 2. To arrive at. —*at-tain'a-ble* *adj.* —*at-tain'a-ble* *adj.* —*at-tain'ment* *n.*  
**at-tain-der** (ă-tān'dər) ► *n.* Formerly, the loss of all civil rights by a person sentenced for a capital offense.  
**at-taint** (ă-tānt') ► *v.* To pass a sentence of attainder against.  
**at-tar** (ă'tăr) ► *n.* A fragrant oil obtained from flowers.  
**at-tempt** (ă-tēpt') ► *v.* To make an effort to do, perform, or achieve; try. ► *n.* 1. An effort; try. 2. An attack; assault: *an attempt on someone's life*. —*at-tempt'a-ble* *adj.*  
**at-tend** (ă-tēnd') ► *v.* 1. To be present (at). 2. To accompany. 3. To take care (of). 4. To take charge of; manage. 5. To pay attention (to); heed.  
**at-ten-dance** (ă-tēn'dəns) ► *n.* 1. The act of attending. 2. The number of persons present.  
**at-ten-dant** (ă-tēn'dənt) ► *n.* 1. One who attends or waits on another. 2. One who is present. 3. An accompanying circumstance; consequence. ► *adj.* Accompanying; consequent: *attendant conditions*.  
**at-ten-tion** (ă-tēn'shən) ► *n.* 1. Concentration of the mental powers upon an object. 2. Observant consideration; notice. 3. Courtesy or consideration: *attention to a guest's comfort*. 4. attentions Acts of courtesy and consideration, esp. by a suitor. 5. An erect military posture assumed on command. —*at-ten'tive* *adj.* —*at-ten'tive-ly* *adu.* —*at-ten'tive-ness* *n.*  
**attention deficit disorder** ► *n.* A syndrome, usu. diagnosed in childhood, marked by persistent impulsiveness and inattention, with or without hyperactivity.  
**attention deficit hyperactivity disorder** ► *n.* Attention

## THESAURUS

**atone** *n.* —See PURIFY (1).  
**atonement** *n.* The act of making amends ► expiation, penance, reconciliation, reparation. [Compare COMPENSATION, PURIFICATION.]  
**atrium** *n.* —See COURT (1).  
**atrocious** *adj.* —See OFFENSIVE (1), OUTRAGEOUS, TORMENTING.  
**atrociousness** *n.* —See OUTRAGEOUSNESS.  
**atrociousness** *n.* —See OUTRAGE, OUTRAGEOUSNESS.  
**atrophy** *n.* —See DETERIORATION (1).  
**atrophy** *v.* —See DETERIORATE.  
**attach** *v.* 1. To join one thing to another ► adjoin, append, affix, clamp, clip, connect, couple, fasten, fuse, fix, moor, secure. [Compare BOND, COMBINE, JOIN.] 2. To add as a supplement or an appendix ► add (on), affix, annex, append, subjoin.  
**attachment** *n.* A subordinate element that is added to another entity ► accessory, add-on, adjunct, appendage, appurtenance, supplement. [Compare ADDITION.] —See also BOND (3), LOVE (1).  
**attack** *v.* 1. To set upon with violent force ► aggress, assail, assault, beset, bombard, charge, fall on (or upon), go at, have at, march against, rush, sail into, storm, strike. *Informal*: light into, pitch into. *Slang*: lay into, tear into. *Id-*

*ioms*: gang up on, have a go at, let have it, open up on. [Compare AMBUSH, CONTEND, RAID.] 2. To start work on vigorously ► dive into, go at, plunge into, set to work, tackle, wade in (or into). *Idioms*: get a move on, get cracking (or moving), hop to it, look lively, roll up one's sleeves. [Compare START.]  
**attack** *n.* The act of attacking ► aggression, assailment, assault, attempt, drive, offense, offensive, onrush, onset, onslaught, storming, strike. [Compare ADVANCE, CHARGE, SIEGE.] —See also APPROACH (1), SEIZURE (1).  
**attackable** *adj.* —See VULNERABLE.  
**attacker** *n.* —See AGGRESSOR.  
**attain** *v.* —See ACCOMPLISH, GET (1).  
**attainable** *adj.* —See AVAILABLE, POSSIBLE.  
**attainment** *n.* A quality that makes a person suitable for a particular position or task ► credential, endowment, qualification, skill. —See also ACCOMPLISHMENT, FULFILLMENT (1).  
**attempt** *v.* To make an attempt to do or make ► assay, endeavor, essay, seek, strive, struggle, try (for). *Informal*: shoot for (or at). *Idioms*: give a whirl, go to all lengths, have a go at, have (or make or take) a shot at, have a try at, make a grab (or stab) at, take

a crack at, try one's hand at, have (or take) a whack at. [Compare ASPIRE, PRESUME, START.]  
**attempt** *n.* A trying to do or make something ► bid, crack, effort, endeavor, essay, go, offer, stab, trial, try, undertaking. *Informal*: shot, whirl. *Slang*: take. [Compare EFFORT.] —See also ATTACK.  
**attend** *v.* 1. To occur as a consequence ► ensue, follow, result. [Compare STEM.] 2. To work and care for ► do for, minister to, serve, wait on (or upon). [Compare HELP, WORK.] 3. To make an effort to hear something ► hark, hearken, heed, listen. *Idioms*: be all ears, give (or lend) an ear. —See also ACCOMPANY, HEAR, TEND.  
**attendance** *n.* The condition or fact of being present ► occurrence, presence. [Compare EXISTENCE.]  
**attendant** *n.* —See ASSISTANT, COMITANT.  
**attendant** *adj.* —See CONCURRENT.  
**attending** *adj.* —See CONCURRENT, FOLLOWING (2).  
**attention** *n.* Concentration of the mental powers on something ► attentiveness, concentration, consideration, contemplation, heedfulness, intentness, preoccupation, regardfulness. [Compare ALERTNESS, CARE, DILIGENCE.] —See also NOTICE (1).